Throughout the course, students will provide brief explanations orally and in writing to their peers and instructors (f) of project ideas including the selection of resources (ie materials, supplies, labor), collection of pricing information and the organization of a general plan; design a scale drawing of their remodeling plan (f); organize and display the budget and drawing using technology (f) which they present electronically (s).

TASKS:	Exceeds Expectation – (86-100%)	Meets Expectations – (71-85%)	Needs Attention – (<70%)
Explanations 40%	My team talked through the problem together and came to an agreement on how we: • Formulated remodeling ideas and explained the geometric criteria that was used (5) • Determined necessary comprehensive resources and are able to justify the decisions (8) • Found, evaluated, and combined pricing information from internet resources and local businesses and determined cost-effectiveness of location (10) • Analyzed cost-effectiveness of self-labor vs. professional hired labor and provided mathematical calculations (7) Throughout the process we: • Maintained a portfolio using Google Docs of research and kept a table of contents to make it easier for the reader to comprehend (10)	My team explained how we: • Formulated remodeling ideas (4) • Determined necessary resources (7) • Found, evaluated, and combined pricing information from internet resources and local businesses. (9) • Analyzed cost-effectiveness of different labor options (6) Throughout the process we: • Maintained a portfolio of research using Google Docs (9)	My team: • Gave ideas that were copied from another source (3) • Guessed and listed the resources we think we needed (5) • Found, evaluated and combined pricing information from the single most ready source. (8) • Made assumptions about cost-effectiveness of labor options (5) • Keeps information in Google Docs and calls it a portfolio (8)
Scale drawing 35%	My team: • Determined and justified appropriate scale choice (10) • Used the scale factor k to determine dimensions for the drawing and provided accurate calculations (10) • Determined the perimeter and surface area with appropriate units and	My team: • Determined an appropriate scale (9) • Used the scale factor k to determine dimensions for the drawing (9) • Determined the perimeter and surface area with appropriate units (9) • Labeled the scale drawing with appropriate units (3)	My team: • Determined a scale based on a guess (8) • Estimated the dimensions for the drawing(8) • Confused the perimeter and surface area (8) • We mislabeled the units (2)

	showed calculations (10) • Labeled the scale drawing with appropriate units in way that makes it easier for the reader to understand (5)		
Technology 15%	My team: • Used technology tools to create a three-dimensional electronic remodeling plan (5) • Converted between measurements and provided accurate calculations for total cost (5) • Utilized formulas within the electronic spreadsheet to create an organized budget that outlines materials, amounts, unit costs, labor, supplies and total costs (5)	My team: • Used technology tools to create a two-dimensional electronic remodeling plan (4) • Converted between measurements to calculate total costs (4) • Used an electronic spreadsheet to create an organized budget that outlines materials, amounts, unit costs, labor, supplies, and total costs (4)	My team: • Created a hand-drawn two-dimensional remodeling plan (3) • Confused unit conversions when calculating total costs (3) • Created an organized hand-written budget that outlines materials, amounts, unit costs, labor, supplies, and total costs (3)
Presentation 10%	Our presentation: • Communicated main ideas in an organized and coherent way and convinced the audience as to why our plan is the best plan (3) • Technology was used to enhance the presentation (2) • We provided feedback and asked thoughtful questions to peers (2) • Our work was well organized, showing the solutions to the major task's sub-problems. All work was completely and accurately labeled (3)	Our presentation: • Communicated main ideas in an organized and coherent way (2.5) • Incorporated technology in an organized fashion (1.5) • We provided feedback to peers (1.5) • Our work was well organized, showing the solutions to the major task's sub-problems. All work was labeled. (2.5)	Our presentation: • Communicated main ideas (2) • Used technology minimally (1) • We commented on the work of our peers (1) • Our work was confusing and showed solutions to the major tasks. (2)